

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/062895 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2004/043146

(22) International Filing Date:
22 December 2004 (22.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/744,690 23 December 2003 (23.12.2003) US

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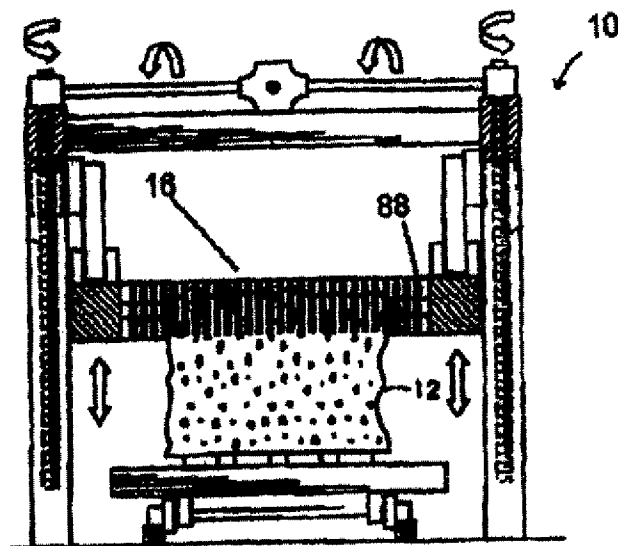
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
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TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: **GRANITE SLABS CUT WITH FRAME SAW EMPLOYING BLADES WITH DIAMOND-CONTAINING
SEGMENTS AND METHOD OF CUTTING THEREOF**



(57) Abstract: A graphite block cut into slabs
by a sawing device comprising a plurality of
generally parallel, spaced-apart blades with
each of the blades having a plurality of cutting
segments mounted thereon, each of the cutting
segments comprising a continuous phase
impregnated with a superabrasive material
selected from one of natural diamond, synthetic
diamond, cubic boron nitride, and combinations
thereof; wherein each of the granite slabs as cut
from the block has a surface roughness Ra of
less than 500 µm, and with thickness
variation of 2 mm or less from a nominal slab
target.



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Published:

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